

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHN F. KENNEDY SPACE CENTER, FLORIDA

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION
(BRAND NAME DETERMINATION)

Revitalize KSC Water & Wastewater Systems, Phase 5

ESTIMATED VALUE OF 2" NEPTUNE T10 FLANGED: \$625.00 PER METER
ESTIMATED VALUE OF 3" NEPTUNE TRU FLO COMPOUND: \$2,050.00 PER METER
ESTIMATED VALUE OF 4" NEPTUNE TRU FLO COMPOUND: \$2,200.00 PER METER
ESTIMATED VALUE OF 10" NEPTUNE HP PROTECTUS III: \$22,000.00 PER METER
ESTIMATED VALUE OF 10" NEPTUNE HP TURBINE: \$10,200.00 PER METER
ESTIMATED TOTAL VALUE OF PROCUREMENT: \$60,700

- 1.) Based on the justification provided herein, I recommend that an acquisition be made by other than full and open competition for the contract action described below:
- 2.) This contract action is for the acquisition of two (2) 2" Neptune T10 Flanged R900i water meters; nine (9) 3" Neptune Tru Flo Compound R900i w/ Strainer water meters; four (4) 4" Neptune Tru Flo Compound R900i w/ Strainer water meters; one (1) 10" Neptune HP Protectus III SS Fire Service R900i w/ Strainer water meter; and one (1) 10" Neptune HP Turbine Meter R900i w/ Strainer water meter. The meters will be used by NASA KSC to monitor and measure the amount of water used by several facilities in the industrial and LC-39 areas.
- 3.) Contracting without full and open competition is permitted pursuant to 10 U.S.C. 2304 (c) (1) because the equipment required by KSC is only available from one source and no other type of equipment will fully satisfy the requirements.
- 4.) There is a reasonable basis to conclude that KSC's minimum requirements can only be satisfied by the unique equipment available from Neptune. This single manufacturer requirement is based on software/hardware compatibility issues, maintenance and operations concerns as describe below:
 - a. The Neptune Meters represented the only known device capable of meeting all of KSC's requirements and in 2010 KSC installed Neptune meters at several KSC facilities. The water operations and maintenance crew collect water consumption data from these meters using a handheld data collector exclusively used for the Neptune meters. The data is stored using a software that is compatible with Neptune meters. Allowing the purchase and installation of a water meter other than Neptune would create an operations problem. The operations and maintenance crew would need two (or more) operating systems, two (or more) data

collectors, and two (or more) training sessions in order to maintain their current operations. This scenario will create more cost to the government.


- b. KSC has 27 Neptune water meters of the same series currently installed at several facilities and they have proven capable of meeting all of government's requirements including performance and reliability. By installing all Neptune water meters, the government will have more spare parts available for repair, limiting capital expenditures of spare parts, service, and training. Procuring anything other than these items will require the contractor to qualify the components for use in our environments at a significant cost and schedule impact. Procuring different parts will require additional work to ensure they will function as a unit, once installed.
- 5.) Efforts will be made to ensure that offers are solicited from as many potential sources as practicable. The project specifications for the Neptune water meters, written to fully explain the government's requirements regarding meters for facilities, will be included in the solicitation specifications. Additionally, this Brand Name Determination will be posted with the solicitation on the Federal Business Opportunities website www.fbo.gov.
- 6.) It is determined that the price of the prime contract, including the Neptune water meters, will be fair and reasonable. This determination is based on the belief that the competitive nature of this low price technically acceptable procurement will entice bidders to seek the most advantageous pricing from Neptune authorized distributors and supply houses.
- 7.) Future actions to remove barriers to competition will include continued efforts to reach out to other manufacturers for compatible actuators in order to reduce the amount of equipment that must be procured on a single manufacturer basis.

Pursuant to FAR 6.303-2(c), I hereby certify that the supporting data furnished in support of contracting by other than full and open competition, under 10 U.S.C. 2304(c) (1), with Neptune for the purchase of seventeen (17) meters is complete and accurate to the best of my knowledge and belief.

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Digitally signed by: NICHOLAS
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DN: CN = NICHOLAS MURDOCK C =
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Nicholas A. Murdock, P.E.
W&W PM, Facilities Division
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Randall A. Gumke
Contracting Officer
OP-ES